435 ICS - Shutter Blade Moves
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Summary

This note details why the 435 ICS shutter blade can move accidentally in the image area and how to prevent this.

The 435 ICS Setup

To use the 435 for intervalometer photography, the Integrated Capping Shutter (ICS) has to be installed. The ICS is a replacement camera door with a small shutter blade that slides into the gate to prevent light leaks during long intervals between exposures.

Why the ICS shutter Blade Can Move

A small spring inside the ICS will keep the shutter blade in place when the blade is all the way retracted into the ICS (OPEN position). It was found that this spring is not strong enough to keep the blade in place when the camera is subjected to strong vibrations like on a car or helicopter mount, and that as a result the shutter can inadvertently move into the gate area.

The weak spring has been installed in ICS units with serial numbers from 1003 through 1060. A new, stronger spring (part number 05.15191.0) has been installed in all other ICS units.

ICS units with the weak spring will be updated free of charge by ARRI USA, Inc. with the new spring.

Has My ICS Been Updated?

ICS units of serial numbers 1003 through 1060 that have been updated by ARRI USA, Inc. with the new spring have a blue dot to the right of the words “Made in Austria” on the inside of the ICS door.

For more information on this issue, please contact your local ARRI representative.